

Notice of Allowability

Application No.

10/047,022

Examiner

Kelly L. Jerabek

Applicant(s)

ITO, TAKEYOSHI

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to After Final Amendment filed 7/23/2007.
2. ☒ The allowed claim(s) is/are 6,38,40,42 and 44.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


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DETAILED ACTION

Allowable Subject Matter

Claims 6, 38, 40, 42 and 44 are allowed.

The following is an examiner's statement of reasons for allowance:

Re claims 6 and 40, the prior art fails to teach or suggest, "A digital camera, wherein: the digital camera has a self-timer image-capturing function; the digital camera is mounted to a cradle; the cradle has a terminal to communicate with an external device carrying out two-way communication, and a power output terminal to output a direct voltage source; the digital camera carries out two-way communication with the external device via the cradle; the digital camera has a charging function of charging a battery in the digital camera by the direct voltage source input from the power output terminal of the cradle when power of the digital camera is off; and the digital camera comprises a first indicating device which is arranged on a front of the digital camera, indicates a situation in self-timer image-capturing by at least one of lighting and blinking, and indicates a charging situation by the charging function, wherein the digital camera further comprises a second indicating device which is arranged on a rear of the digital camera and indicates the charging situation by the charging function; and a detecting device which detects mounting/non-mounting of the digital camera to the cradle,

wherein when the detecting device detects mounting to the cradle, the charging situation of the digital camera is indicated by the first indicating device, and when the detecting device detects non-mounting to the cradle, the charging situation of the digital camera is indicated by the second indicating device on the rear of the camera”.

Re claims 38, 42 and 44, the prior art fails to teach or suggest, “A digital camera which has a first function of self-timer image-capturing function and a second function different from the first function and a method for indicating a plurality of functions of a camera, the digital camera comprising: an indicating device which is arranged on a front of the digital camera, indicates a situation in self-timer image-capturing by at least one of lighting and blinking, and indicates an operation situation of the second function, wherein the second function is at least one of an external device communication function, a battery charging function or a moving-image capturing function, wherein the indicating device indicates the external device communication function when a communication with an external device is performed, and wherein the indicating device indicates the moving-image capturing function when the communication with the external device is not performed and the moving-image capturing is performed, further comprising a CPU, wherein the CPU is configured to determine whether a power of the digital camera is turned on or off, determine whether a battery is inserted into the digital camera when it is determined that the power of the digital camera is turned off, perform the battery charge function when it is determined that the battery is inserted into the

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digital camera and the power of the digital camera is turned off, wherein the indicating device indicates that the battery charge function is being performed, determine whether the digital camera is in communication connection with an external device when it is determined that the power of the digital camera is turned on, and perform the external device communication function with the external device when it is determined that the power of the digital camera is turned on and the digital camera is in communication connection with the external device, wherein the indicating device indicates that the external device communication is being performed, wherein the CPU is further configured to determine whether the digital camera is in image capturing mode when it is determined that the power of the digital camera is turned on and the digital camera is not in communication with the external device, **perform a playback processing function when it is determined that the power of the digital camera is turned on, the digital camera is not in communication connection with the external device and the digital camera is not in image capture mode, determine whether the digital camera is in a self-timer image-capturing mode, a moving image-capturing mode or a voice recording mode when it is determined that the power of the digital camera is turned on, the digital camera is not in communication connection with the external device and the digital camera is in image capturing mode, perform the self-timer image-capturing function when it is determined that the power of the digital camera is turned on, the digital camera is not in communication connection with the external device and the digital camera is in the self-timer image-capturing mode, wherein the indicating device indicates that**

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the self-timer image-capturing function is being performed, perform the moving image-capturing function when it is determined that the power of the digital camera is turned on, the digital camera is not in communication connection with the external device and the digital camera is in the moving-image capturing mode, wherein the indicating device indicates that the moving-image capturing function is being performed, and perform a voice recording function when it is determined that the power of the digital camera is turned on, the digital camera is not in communication connection with the external device and the digital camera is in the voice recording mode, wherein the indicating device indicates that the voice recording function is being performed”.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Contacts

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kelly L. Jerabek whose telephone number is **(571) 272-7312**. The examiner can normally be reached on Monday - Friday (8:00 AM - 5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lin Ye can be reached on **(571) 272-7372**. The fax phone number for submitting all Official communications is **(571) 273-7300**. The fax phone number for submitting informal communications such as drafts, proposed amendments, etc., may be faxed directly to the Examiner at (571) 273-7312.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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